

Title (en)
Valve controller

Title (de)
Ventilsteuerungseinheit

Title (fr)
Contrôleur de soupape

Publication
EP 1909010 A2 20080409 (EN)

Application
EP 07253396 A 20070829

Priority
US 52978306 A 20060929

Abstract (en)
A controller for controlling a valve (10) is disclosed including a manifold assembly (40), a valve position indicator (30) and a trigger assembly (20). An operating media distribution system is disposed in the manifold assembly and an electronic control unit is disposed in the controller. The electronic control unit operates at least one electromagnetic valve to control operating media flow via the operating media distribution system to activate an actuator which opens or closes the valve. The trigger assembly (20) includes a cylinder adapted to receive an actuator shaft and provide a self setting mechanism corresponding to the stroke length of the actuator shaft.

IPC 8 full level
F16K 37/00 (2006.01)

CPC (source: EP US)
F16K 31/12 (2013.01 - EP US); **F16K 37/0008** (2013.01 - EP US); **F16K 37/0033** (2013.01 - EP US); **F15B 5/006** (2013.01 - EP US); **Y10T 137/8275** (2015.04 - EP US); **Y10T 137/8359** (2015.04 - EP US); **Y10T 137/86614** (2015.04 - EP US)

Citation (applicant)
• DE 19528081 A1 19970206 - NESTLER WOLFGANG DR ING [DE]
• GB 2229254 A 19900919 - VALVE CONVERSIONS LIMITED [GB]

Cited by
CN103842701A; WO2013028552A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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